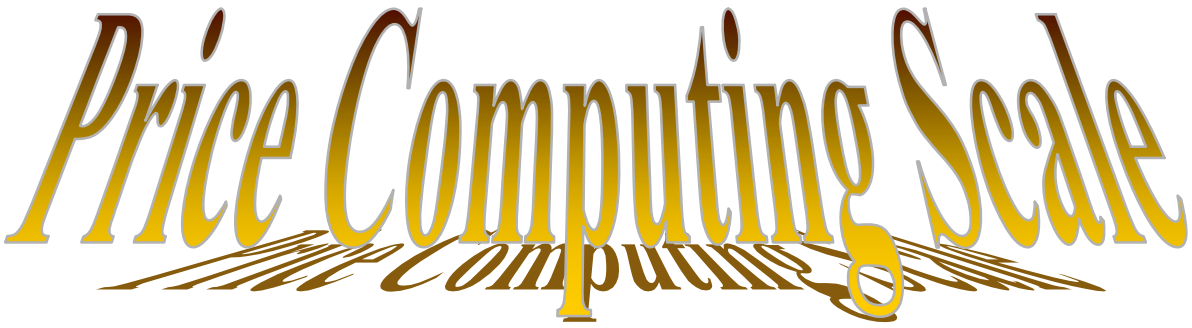


OPERATION MANUAL

I. INSTRUCTION

The digital price-computing scale is a precision weighing instrument. Its fast, accurate price-computing ability is excellent for a variety of supermarkets, grocery stores, food services and retail stores.

II. BEFORE USING THE SCALE

To enable you to use this scale correctly, we suggest that you read these instructions carefully.

1. Must be prevented from getting wet. If it gets wet, please wipe it dry with a cloth.
2. It must not be bumped against other items or overloaded with excessively heavy weights (The load must not exceed the maximum capacity of the scale).
3. Keep it away from high temperatures and damp conditions.
4. If the machine will not be used for some time, please clean it and store in a polythene bag. A desiccant may be included.
5. If the machine will not be used for some time, the scale must be recharged (the internal battery) every 3 months. When it is used, please recharge scale before using. When recharging, it should be prevented power is excessively high or discharged. This may make the life of battery decreased.
6. In order to prevent the battery block dead, please recharge the battery of the scale which is kept in warehouses over 2 months before using.

III. PREPARATIONS BEFORE USE

1. Place the scale on a stable surface.
2. Adjust the four feet to center the leveling bubble on the scale.
3. Avoid hot sunshine directly on the scale or near the exhaust port of ventilating system.
4. There should be no weight on the scale when power is turned on.
5. Please note when symbol appears on the screen, the scale needs recharging.
6. Commodity should be placed at the center of platter when being weighed, and can’t be exceeded to the dimension of the platter.

IV. DESCRIPTION OF DISPLAY

DIGIT DISPLAY

1. **"*WEIGHT*"** display window: 5 digits with " – " ahead to show negative numbers.
2. **"*UNIT PRICE*"** display window: 5 digits with the decimal point to set therein.
3. **"*TOTAL PRICE*"** display window: 6 digits with 2 digit behind the decimal point, 4 digits before it or to fix according to difference of currency systems.

SYMBOL DISPLAY

1. **Z** or ®**0**¬ : **Zero** Indication
2. **T** or **Net** : **Tare** or **Net** Indication
3. **M+** : **"Accumulation"** in the Memory
4. : **Low battery** Indication

V. KEYBOARD FUNCTION AND OPERATION

20 key :

7	8	9	QTY	M+
4	5	6	+	MR
1	2	3	CH	MC
0	•	CE	Z	T

(1) **0** **~** **9** : **Numerical Key**
Press this key to set the unit price, quantity and calibration etc.

(2) **•** **or "00"** : **Press once to enter the "decimal point" or "double zero (00)"**
If the "00" function is available, press **•** and the *Unit Price* will show "00", (eg. Press 1 and then press this **•**, the display shows 100.)
If the decimal point key function is available (fluctuating), the function is as the following:

EX.:

Weight	**Unit Price**	**Total Price**
xxxxxx	123.	xxxxxx

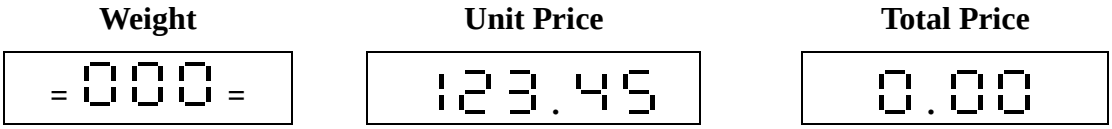
If 123 is shown on *Unit Price*, the display will show "123" by pressing the **•** key.

(3) **CE** : **Unit Price Clearing**
If you want to change the unit price entered, press this key to set it back to zero and enter the new unit price. (If the unit price has been entered over 3 seconds, it's available to enter the new unit price, and the scale will clear the old one automatically. The scale will function according setting.)

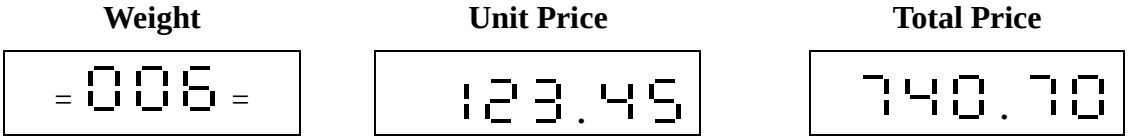
- Recall Function: When "0" is shown on the *Unit Price*, press the **CE** key to recall the "Accumulation count" and "Accumulation amount".

(4) **QTY** : **Quantity**
When there is more than 1 piece of the same item, such as cans which priced by pieces,) input the unit price first and then press the **QTY** key to enter the number of items. (It must be a whole number up to 999.) The total amount will be shown in *Total Price*. (The same function as the calculator's multiply.) At this moment, press the **+** key to store it in "Accumulation". When the total price is over the value that the display could show, the **+** key would be invalid. When the *Unit Price* is "0," the **QTY** key is invalid as well.

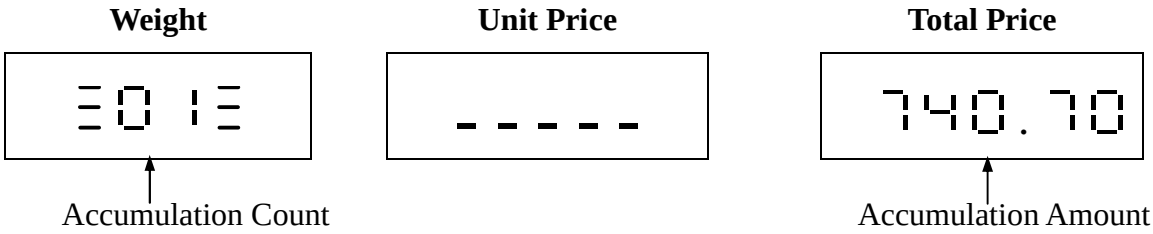
1) If *Unit Price* is 123.45, and *Total Price* is decimal 2 bits, press the **QTY** key and the display will show as below:



2) Key in the quantity of item by pressing the numerical key, ex. 6. Display will show as below:



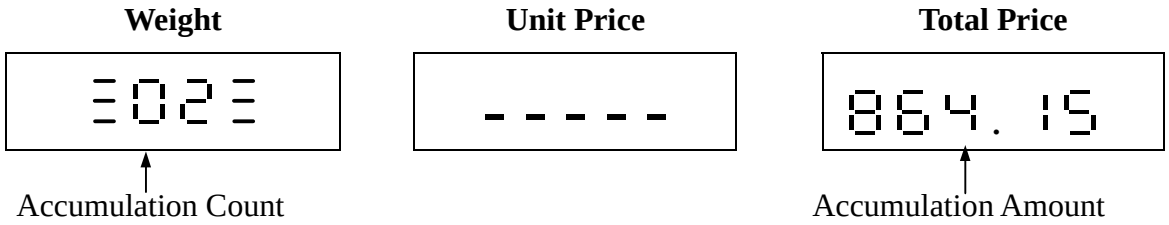
3) Press the **CE** key to return the weighing mode, or press the + key to totalize the price. Display will show as below:



Press the **CE** key to return the weighing mode.

(5) + : Key in the unit price of commodities which is charged by amount and press + to save the price into memory. If the total amount is above the display range, + will be invalid.

Ex.: If 123.45 is shown in the Unit Price, and press the + key, the display will show as below:



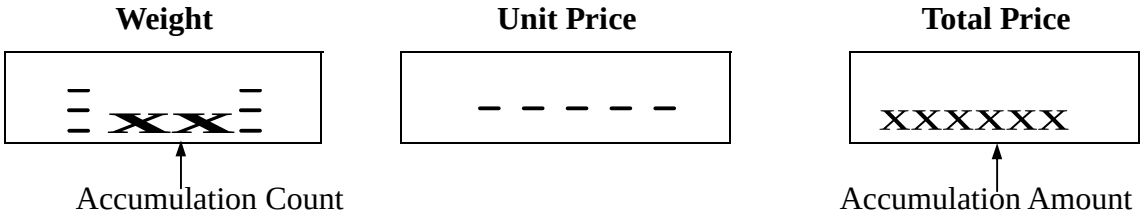
Press the **CE** key or numerical key to return the weighing mode.

(6) **M+** : For the commodities which is charged by weight, press **M+** key to save the price into memory.

Notes: This key is not active if:

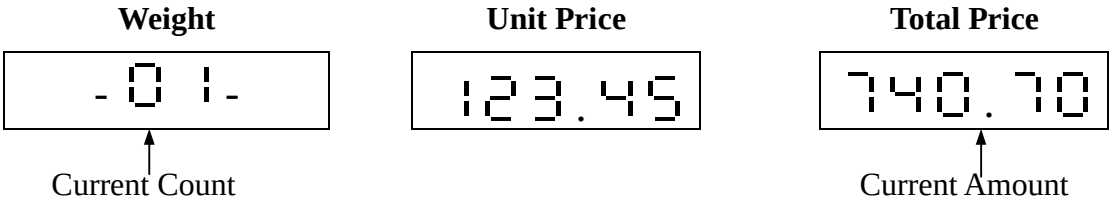
1. Total price is over the value that the display is not capable to show.
2. The scale is not stable within 3 seconds when the stability judgment for saving is set in the specification setting.
3. *Weight* value is negative.
4. *Unit Price* value is 0.

• Accumulation counts ⇒ the total counts for **M+** key and + key is up to 99, and it can be recalled for the last 10 accumulated counts and will show as below:

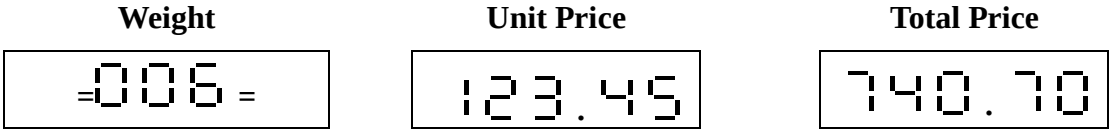


Press the **CE** key to return the weighing mode.

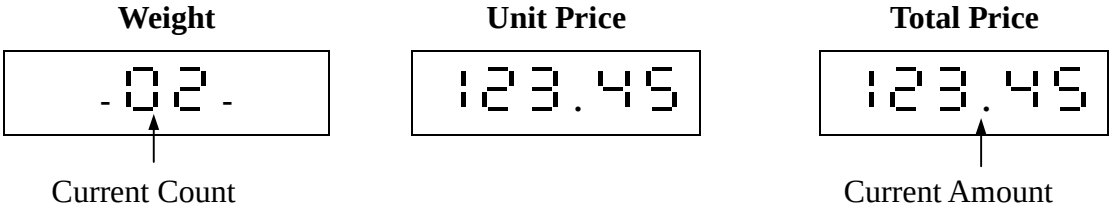
(7) **MR** : When there is the "accumulation" in the memory, press the **MR** key for showing the last 10 accumulated counts accordingly. Provided that the first count's quantity is 6 pieces, and the *Unit Price* is "123.45", *Total Price* will be "740.70"; the second count is 1.000kg, unit price is "123.45", and *Total Price* is "123.45". Shown as the following:



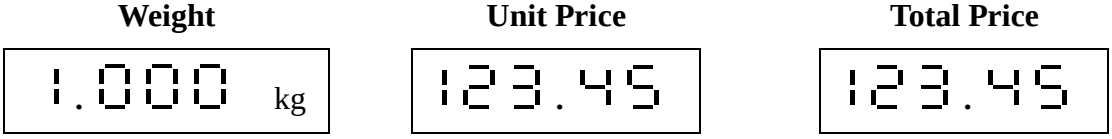
The display will show as below after 0.5 second:



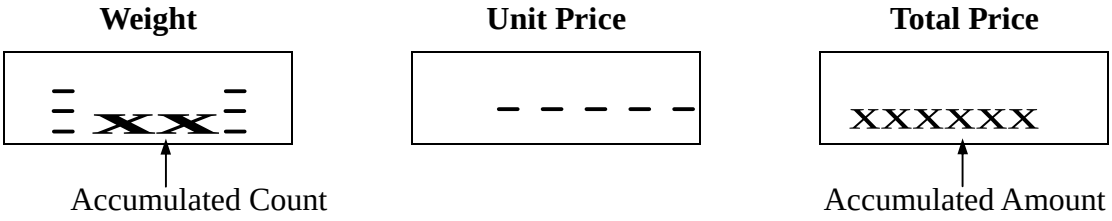
At this moment, press MR key and the display shows as below:



The display will show as below after 0.5 second:



Press the **MC** key to clear the current count data. The accumulated total price will deduct the current total price. When the last count is shown, press the **MR** key and the display shows as below:



Press the **MC** key to clear all the accumulated data (Including single count and total price.)
Press the **MR** key to display the last 10 counts.
Press the **CE** to return the weighing mode.

(8) MC : Memory Clear Key

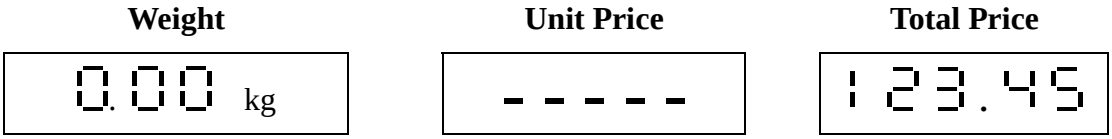
When there is "Accumulation" amount in memory, press **MC** to clear all the accumulated data, and then the accumulation symbol " 3 " will disappear.

(9) CH : Change Key

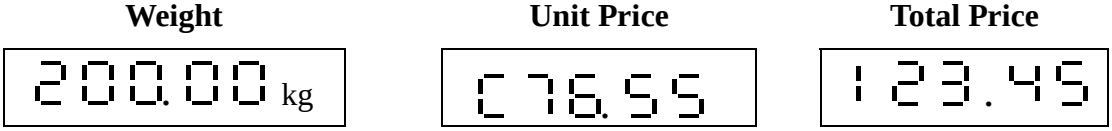
When pressing **CH** key, the *Total Price* will display the total amount of the deal (if with accumulation, accumulated amount will be shown; if not, the current amount will be shown.) And then key-in the sum of money paid by customer, the *Unit Price* will display the change balance for customer.

Note: This key is not active if the *Total Price* is "0" or no accumulated data.

Ex.: If the accumulated amount is 123.45, when the data in *Weight* is less than the accumulated amount, the display shows as below:



Key in 200.00 in the *Weight*, and the display shows as below:

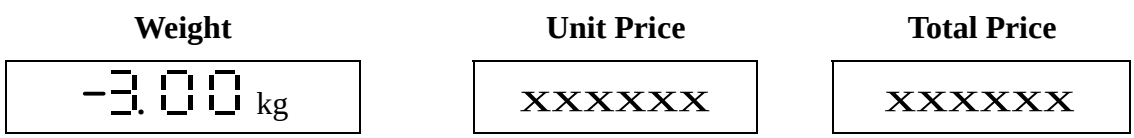


Press the **CE** key to return the weighing mode.

(10) T : Tare key

Press **T** key to deduct the weight of the object being weighed, and the Tare symbol will be displayed in *Weight* column. It's invalid for full-scale tare and negative tare. Press **Z** key" to cancel tare function within the zero range or under the actual weight is zero.
The **T** key is only valid in the weighing mode.

Ex.: Place the weight on the platter (3kg), press the **T** key, and then take the weight off. The display will show as below:



At this moment, the actual weight value is 0, and press the **T** key to cancel the tare. The **Z** key is not active when the value is over the zero range.

(11) **Z** : **Zero key**

Zero function. (Re-zero and zero tracking effective range: full capacity ± 2 %)

VI ADDITIONAL FUNCTION

Z key + **8** key ==> To show Software Program Ver. No.; press the **CE** key to quit.

Z key + **7** key ==> To show the internal value; press the **CE** key to quit.

Z key + **4** key ==> Backlight is always on

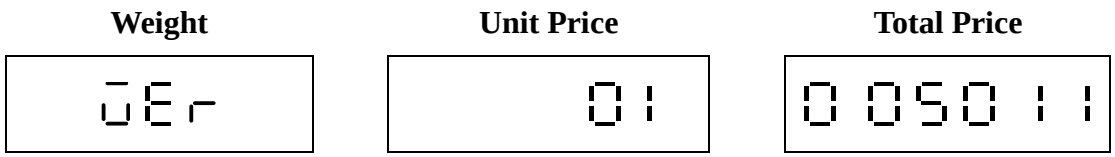
Z key + **5** key ==> Auto backlight mode

Z key + **6** key ==> Backlight is always off

• key ==> When E1, E2 and E4 happened, press this key to return to normal weighing mode. (This means the scale is under abnormal condition and needs to be restart, but capable to specification calibration.）

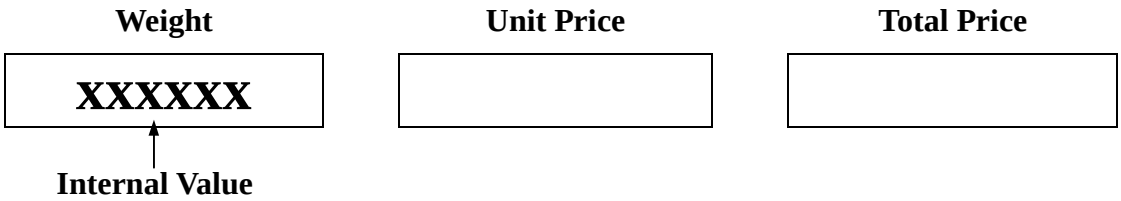
Note: Notice the key combination that mentioned above. The order is to press Z key first, and then release it. When it shows '-----', press immediately another key.

1. Press the **Z** key + **8** key; the display shows as following:



Press the **CE** key to return the Weighing Mode.

2. Press the **Z** key + **7** key, the display shows as following:



Press the **CE** key to return the Weighing Mode.

3. Press the **Z** key + **4** key, the display shows as following:

Weight	Unit Price	Total Price
on		

The scale will return the Weighing Mode after 0.5 second.

4. Press the **Z** key + **5** key, the display shows as following:

Weight	Unit Price	Total Price
Auto		

The scale will return the Weighing Mode after 0.5 second.

5. Press the **Z** key + **6** key, the display shows as following:

Weight	Unit Price	Total Price
oFF		

The scale will return the Weighing Mode after 0.5 second.

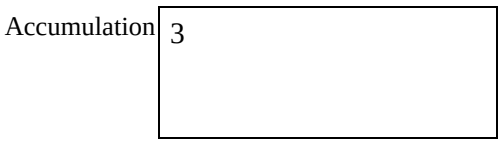
Display Indication Description

Weight Column

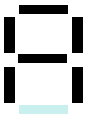
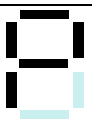
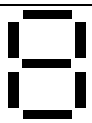
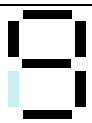
Notes:

When voltage of battery is below 5.6v, symbol appears on the screen; meanwhile, the scale needs to be recharged in order to work in the normal condition. When voltage is below 5.4v, the scale will automatically switch off.

Total Price Column



APPENDIX 7 SEGMENT DISPLAY CHARACTERS

Digit	7 segments letter	Alphabet	7 segments letter	Alphabet	7 segments letter
0		A		N	
1		B		O	
2		C		P	
3		D		Q	
4		E		R	
5		F		S	
6		G		T	
7		H		U	
8		I		V	
9		J		W	
		K		X	
		L		Y	
		M		Z	